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Results of searching in PCT for:

(PIEZOELECTRIC NEAR (LAYER* or laminat* or stack or plies)) and ((first or low* or high*)
near "dielectric constant"): 0 records

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(PIEZOELECTRIC NEAR (LAYER* or laminat* or stack



RSS



No records matching your query found in PCT

Search Summary



PIEZOELECTRIC NEAR LAYER*: 746 occurrences in 375 records.

PIEZOELECTRIC NEAR laminat*: 77 occurrences in 39 records.

(PIEZOELECTRIC NEAR LAYER* OR PIEZOELECTRIC NEAR laminat*): 400 records.

PIEZOELECTRIC NEAR stack: 95 occurrences in 57 records.

((PIEZOELECTRIC NEAR LAYER* OR PIEZOELECTRIC NEAR laminat*) OR PIEZOELECTRIC NEAR stack): 442 records.

PIEZOELECTRIC NEAR plies: 1 occurrence in 1 record.

((((PIEZOELECTRIC NEAR LAYER* OR PIEZOELECTRIC NEAR laminat*) OR PIEZOELECTRIC NEAR stack) OR PIEZOELECTRIC NEAR plies): 443 records.

first NEAR "dielectric constant": 0 occurrences in 0 records.

low* NEAR "dielectric constant": 0 occurrences in 0 records.

(first NEAR "dielectric constant" OR low* NEAR "dielectric constant"): 0 records.

high* NEAR "dielectric constant": 0 occurrences in 0 records.

((first NEAR "dielectric constant" OR low* NEAR "dielectric constant") OR high* NEAR "dielectric constant"): 0 records.

(((((PIEZOELECTRIC NEAR LAYER* OR PIEZOELECTRIC NEAR laminat*) OR PIEZOELECTRIC NEAR stack) OR PIEZOELECTRIC NEAR plies) AND ((first NEAR "dielectric constant" OR low* NEAR "dielectric constant") OR high* NEAR "dielectric constant"))): 0 records.

Search Time: 0.27 seconds.





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Search Results 10/10/2007 - 11:10:15

Search

Query :

((piezoelectric)) <AND> ((stack or la

Query: ((piezoelectric)) <AND> ((stack or laminat* or layer* or
multilayer*)) <in> abstract) <AND> (("dielectric constant") <in> claims)

9 documents out of 1926019 matched your query. Click on its number
to view the details of the document.

Note: All document detail pages now appear on a new Browser
Window.

1. 2561618 IMPROVED THICK FILM DIELECTRIC STRUCTURE FOR THICK DIELECTRIC ELECTROLUMINESCENT DISPLAYS 87%
2. 2271282 PROCESS FOR FABRICATING DEVICE COMPRISING LEAD ZIRCONATE TITANATE 82%
3. 2228741 ELECTRODING OF CERAMIC PIEZOELECTRIC TRANSDUCERS 82%
4. 2346059 INTEGRATED MULTILAYERED MICROFLUIDIC DEVICES AND METHODS FOR MAKING THE SAME 80%
5. 2106549 ULTRASONIC TRANSDUCERS 80%
6. 1154861 ULTRASONIC TRANSDUCER WITH A PIEZOELECTRIC PLASTIC RECEIVING LAYER 80%
7. 2373613 A MULTI-OUTPUT COMPOSITE PIEZOELECTRIC TRANSFORMER WITH EXPANSION VIBRATION MODE 77%
8. 2176347 ARRAY OF THIN FILM ACTUATED MIRRORS 77%

RESULT LIST

0 results found in the Worldwide database for:

piezoelectric near laminat* in the title AND **"dielectric constant"** in the title or abstract

(Results are sorted by date of upload in database)

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RESULT LIST

0 results found in the Worldwide database for:

piezoelectric near layer* in the title AND **"dielectric constant"** in the title or abstract

(Results are sorted by date of upload in database)

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RESULT LIST

0 results found in the Worldwide database for:

piezoelectric near stack in the title AND **"dielectric constant"** in the title or abstract.

(Results are sorted by date of upload in database)

Data supplied from the **esp@cenet** database - Worldwide

tm↓

RESULT LIST

27 results found in the Worldwide database for:

"dielectric constant" and piezoelectric and first in the title or abstract

(Results are sorted by date of upload in database)

- 1 COMPLEX OXIDE FILM AND METHOD FOR PRODUCING SAME, DIELECTRIC MATERIAL INCLUDING COMPLEX OXIDE FILM, PIEZOELECTRIC MATERIAL, CAPACITOR, PIEZOELECTRIC ELEMENT AND ELECTRONIC DEVICE.**
Inventor: SHIRAKAWA AKIHIKO (JP) Applicant: SHOWA DENKO KK (JP); SHIRAKAWA AKIHIKO (JP)
EC: C01G23/00; C01G23/00F4; (+6) IPC: **C01G23/00; C01B13/32; C25D11/18** (+13)
Publication info: **WO2007013598** - 2007-02-01
- 2 Dielectric element, piezoelectric element, ink jet head and ink jet recording apparatus and manufacturing method of same**
Inventor: MATSUDA TAKANORI (JP); IFUKU TOSHIHIRO (JP) Applicant: CANON KK (JP); WASA KIYOTAKA (JP)
(JP); (+2)
EC: H01G4/12B2B; B41J2/14D2; (+8) IPC: **H01L41/09; B41J2/01; B41J2/045** (+8)
Publication info: **TW255057B** - 2006-05-11
- 3 LEAD-FREE PIEZOELECTRIC CERAMICS AND PREPARATION METHOD THEREOF**
Inventor: CHO JEONG HO; KIM BYEONG IK; (+1) Applicant: KOREA INST OF CERAMIC ENGINEER
EC: IPC: **C04B35/46; C04B35/46; (IPC1-7): C04B35/46**
Publication info: **KR20040054965** - 2004-06-26
- 4 SURFACE ACOUSTIC WAVE ELEMENT AND COMMUNICATION APPARATUS**
Inventor: YOKOTA HIROKO; YAMAGATA YOSHIFUMI; (+1) Applicant: KYOCERA CORP
EC: H03H9/10S3; H03H9/02S4; (+2) IPC: **H03H9/25; H01L41/09; H01L41/18** (+4)
Publication info: **JP2006042008** - 2006-02-09
- 5 Inkjet head unit**
Inventor: SAKAIDA ATSUO (JP) Applicant: BROTHER IND LTD (JP)
EC: B41J2/14D1 IPC: **B41J2/045; B41J2/045**
Publication info: **US2006012649** - 2006-01-19
- 6 TEMPERATURE CALIBRATION OF PIEZOELECTRIC TRANSDUCERS**
Inventor: ADORAM AVNER (IL); PESACH BENNY (IL) Applicant: GLUCON INC (US); ADORAM AVNER (IL); (+1)
EC: H01L41/08; H01L41/113C IPC: **H01L41/08; H01L41/113; H01L41/08** (+2)
Publication info: **WO03032409** - 2003-04-17
- 7 Ultrasound converter array comprises a number of elements consisting of piezoelectric ceramic layers and electrodes**
Inventor: SMITH LOWELL SCOTT (US); WILDES DOUGLAS GLEN (US); (+1) Applicant: GEN ELECTRIC (US)
EC: B06B1/06C3E; H04R17/00 IPC: **G01N29/24; A61B8/00; B06B1/06** (+15)
Publication info: **DE10155894** - 2002-09-12
- 8 Piezoelectric ceramic composition, and high power output transformer made of the same composition**
Inventor: KIM JONG SUN (KR); YOO CHOONG SIK (KR); (+2) Applicant: SAMSUNG ELECTRO MECH (US)
EC: C04B35/493; H01L41/107; (+1) IPC: **C04B35/49; C04B35/493; H01L41/107** (+8)
Publication info: **US2001054704** - 2001-12-27
- 9 PIEZOELECTRIC CERAMIC COMPOSITION, AND HIGH POWER PIEZOELECTRIC TRANSFORMER**
Inventor: KIN SHOSEN; RYU CHUSHOKU; (+2) Applicant: SAMSUNG ELECTRO MECH

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RESULT LIST

Approximately 197 results found in the Worldwide database for:

"dielectric constant" and piezoelectric and low* in the title or abstract

(Results are sorted by date of upload in database)

1 PIEZOELECTRIC CERAMIC COMPOSITION AND PIEZOELECTRIC ACTUATOR

Inventor: YAMAMOTO A (JP); OGISO KOJI (JP); (+1) Applicant: MURATA MANUFACTURING CO (JP)

EC: H01L41/187

IPC: C04B35/493; C04B35/49

Publication info: EP1840106 - 2007-10-03

2 Piezoelectric actuator

Inventor: WALTER GERHARD (DE); MANN ARMIN (DE) Applicant:

EC: H01L41/083; H01L41/053

IPC: H01L41/083; H01L41/053; H01L41/083 (+1)

Publication info: US2007152542 - 2007-07-05

3 COMPLEX OXIDE FILM AND METHOD FOR PRODUCING SAME, COMPOSITE BODY AND METHOD FOR PRODUCING SAME, DIELECTRIC MATERIAL, PIEZOELECTRIC MATERIAL, CAPACITOR AND ELECTRONIC DEVICE

Inventor: SHIRAKAWA AKIHIKO (JP)

Applicant: SHOWA DENKO KK (JP); SHIRAKAWA AKIHIKO (JP)

EC:

IPC: C01G23/00; H01G4/12; H01G4/30 (+7)

Publication info: WO2007074875 - 2007-07-05

4 Dielectric element, piezoelectric element, ink jet head and ink jet recording apparatus and manufacturing method of same

Inventor: MATSUDA TAKANORI (JP); IFUKU TOSHIHIRO Applicant: CANON KK (JP); WASA KIYOTAKA (JP); (+2)

EC: H01G4/12B2B; B41J2/14D2; (+8)

IPC: H01L41/09; B41J2/01; B41J2/045 (+8)

Publication info: TW255057B - 2006-05-11

5 PIEZOELECTRIC CERAMIC COMPOSITION AND PIEZOELECTRIC CERAMIC ELEMENT USING THE SAME

Inventor: SAKABE YUKIO; TAKEDA TOSHIKAZU

Applicant: MURATA MANUFACTURING CO

EC: C04B35/495

IPC: C04B35/00; C04B35/495; H01L41/09 (+8)

Publication info: KR20020018064 - 2002-03-07

6 PIEZOELECTRIC CERAMIC COMPOSITION

Inventor: CHO YEONG GUK; KIM WOL MYEONG

Applicant: LG INNOTECH CO LTD

EC:

IPC: C04B35/497; C04B35/495; (IPC1-7): C04B35/497

Publication info: KR20040001719 - 2004-01-07

7 LOW TEMPERATURE SINTERING PIEZOELECTRIC CERAMIC COMPOSITION FOR PARTS FEEDERS

Inventor: CHO JEONG HO; CHOI BYUNG YUL; (+1)

Applicant: KOREA INST OF CERAMIC ENGINEER

EC:

IPC: C04B35/49; H01B3/12; H01G4/12 (+6)

Publication info: KR20050022105 - 2005-03-07

8 LOW TEMPERATURE SINTERED PSN-PZT-PNW COMPOSITION FOR PIEZOELECTRIC TRANSFORMERS AND PRODUCTION THEREOF

Inventor: WOO WON HEE; YOO JU HYUN

Applicant: YOO JU HYUN

EC:

IPC: C04B35/493; H01L41/187; C04B35/49 (+3)

Publication info: KR20050005686 - 2005-01-14

9 FLUID SENSOR BY USING SLIT ELASTIC WAVE

Inventor: CHEREDNICK VALENTIN (RU); CHOI YONG RIM (KR); (+1)

Applicant: LG INNOTECH CO LTD (KR)

EC:

IPC: G01N11/00; G01N11/00; (IPC1-7): G01N11/00

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Applicant, Title of invention, Abstract --- e.g. computer semiconductor

If you use the AND/OR operation, please leave a **SPACE** between keywords.

One letter word or **Stopwords** are not searchable.

dielectric constant

AND

AND

piezoelectric stack

AND

AND

AND

AND

Date of publication of application --- e.g. 19980401 - 19980405 -

AND

IPC --- e.g. D01B7/04 A01C11/02

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Number Search

Applicant, Title of invention, Abstract --- e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.

One letter word or Stopwords are not searchable.

dielectric constant

AND

AND

piezoelectric layer

AND

AND

AND

AND

Date of publication of application --- e.g. 19980401 - 19980405

AND

IPC --- e.g. D01B7/04 A01C11/02

If you use the OR operation, please leave a SPACE between keywords.



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Number Search

Applicant, Title of invention, Abstract --- e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.

One letter word or Stopwords are not searchable.

dielectric constant

AND ▼

AND

piezoelectric laminate

AND ▼

AND

AND ▼

AND

Date of publication of application --- e.g. 19980401 - 19980405

AND

IPC --- e.g. D01B7/04 A01C11/02

If you use the OR operation, please leave a SPACE between keywords.



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1	IS&R	L3	3648	(310/328,366).CCLS.	US-PGPUB ; USPAT ; USOCR ; FPRS; EPO; JPO; DERWE NT; IBM_T DB	2007/10/1 0 08:18	
2	BRS	L4	2203	13 and (stack or plies or laminat\$4 or layer\$3)	US-PGPUB ; USPAT ; USOCR ; FPRS; EPO; JPO; DERWE NT; IBM_T DB	2007/10/1 0 09:31	
3	BRS	L5	2220	13 and (multilayer\$3 or stack or plies or laminat\$4 or layer\$3)	US-PGPUB ; USPAT ; USOCR ; FPRS; EPO; JPO; DERWE NT; IBM_T DB	2007/10/1 0 09:32	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
4	BRS	L6	147	15 and dielectric adj2 constant	US- PGPUB ; USPAT ; USOCR ; FPRS; EPO; JPO; DERWE NT; IBM_T DB	2007/10/1 0 08:42	
5	BRS	L7	1	"20070069610"	US- PGPUB	2007/10/1 0 08:25	
6	BRS	L8	1	17 and ("9" and dielectric adj2 constant)	US- PGPUB	2007/10/1 0 08:28	
7	BRS	L9	0	17 and ("Fig. 9" and dielectric adj2 constant)	US- PGPUB	2007/10/1 0 08:27	
8	BRS	L10	1	17 and inactive	US- PGPUB	2007/10/1 0 08:28	
9	BRS	L11	1	"20050046310" and "dielectric constant"	US- PGPUB	2007/10/1 0 08:42	
10	BRS	L12	1	(10/959054).APP.	USPAT ; USOCR	2007/10/1 0 08:52	
11	BRS	L13	1	("2005/0046310").URPN.	USPAT	2007/10/1 0 08:53	
12	BRS	L14	5	("5118982" "5861704" "6182340" "6215227" "6229247").PN.	US- PGPUB ; USPAT ; USOCR	2007/10/1 0 09:07	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
13	BRS	L15	14114	(piezoelectric or electroactive or electrostrictive or electrodisplacive) adj2 (multilayer\$3 or stack or plies or laminat\$4 or layer\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	2007/10/10 09:33	
14	BRS	L16	14031	115 not 16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	2007/10/10 09:33	
15	BRS	L17	772	116 and "dielectric constant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	2007/10/10 09:34	